(c) 2001 Derwent Info Ltd. All rts. reserv. 008779097 WPI Acc No: 1991-283114/199139 XRAM Acc No: C91-122607 Hirudin derivs. prodn. in E.coli secretory mutants - transformed with vector contg. structural gene sequence, useful for anticoagulant therapy Patent Assignee: CONSORTIUM ELEKTROCHEM IND (CONE ); CONSORTIUM ELEKTROCHEM IND GMBH (CONE ) Inventor: HABERMANN P; SCHMID G; SCHMIDT G; HABERMAN P Number of Countries: 031 Number of Patents: 029 Patent Family: Patent No Kind Date Applicat No Kind Date Week 19910925 EP 91104422 19910321 199139 EP 448093 Α Α DE 4009268 19900322 DE 4009268 Α 19910926 Α 199140 AU 9173680 Α 19911003 199147 NO 9101137 Α 19910923 199147 Α 19911105 199149 BR 9101104 Α 19910923 199150 CA 2038888 FI 9101009 Α 19910923 199201 199201 PT 97093 Α 19911129 19910319 199206 19911224 ZA 912013 Α ZA 9102013 A CN 91101687 19910321 199227 CN 1055010 Α 19911002 Α 19910321 199235 HU 59962 Τ 19920728 HU 91953 Α JP 4211391 Α 19920803 JP 9156714 Α 19910320 199237 В 19930819 AU 9173680 Α 19910321 199340 AU 640212 NZ 237437 Α 19931125 NZ 237437 Α 19910314 199350 NZ 245885 Α 19931125 NZ 245885 Α 19910314 199350 19951115 JP 9156714 Α 19910320 199550 JP 95106157 B2 EP 448093 EP 91104422 19910321 В1 19960306 Α 199614 DE 59107495 19960411 DE 507495 Α 19910321 199620 G EP 91104422 Α 19910321 Т3 19960501 EP 91104422 Α 19910321 199625 ES 2084052 IE 91738 IE 71174 19970129 Α 19910305 199715 В 199715 IL 97323 19910221 IL 97323 19970110 Α Α KR 914246 Α 19910318 199715 KR 9507510 В1 19950711 FI 911009 A 19971031 19910228 FI 100250 В1 199749 HU 91953 Α 19910321 199823 HU 214368 В 19980330 CA 2038888 Α 19910322 199911 CA 2038888 С 19981229 US 91672791 19910321 US 5919895 Α 19990706 Α 199933 US 92982064 Α 19921125 RU 2118365 C1 19980827 SU 4894968 Α 19910321 200006 20000925 NO 911137 Α 19910321 200056 NO 308543 В1 PH 42047 19910222 200102 PH 30485 Α 19970528 Α Priority Applications (No Type Date): DE 4009268 A 19900322; KR 914246 A 19910318 Patent Details: Main IPC Filing Notes Patent No Kind Lan Pg EP 448093 13 Α Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE CN 1055010 Α C12P-021/02 Т C12N-015/70 HU 59962 7 C12P-021/02 JP 4211391 Α Previous Publ. patent AU 9173680 AU 640212 В C12N-015/12 NZ 237437 Α C12N-015/09 NZ 245885 C12N-015/15Div ex patent NZ 237437 Α 7 C12P-021/02 JP 95106157 В2 Based on patent JP 4211391 EP 448093 B1 G 13 C12N-015/15 Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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